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|---|---|---------------------|--------|-------------|--|--|--|--------------------------------------|--|--|------------------------|--|--|
| <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">  <p style="writing-mode: vertical-rl; transform: rotate(180deg);">04/20/01</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">1103 U.S. PRO</p> </div> <div style="width: 65%;"> <p style="text-align: center;">UTILITY PATENT</p> <p style="text-align: center;">APPLICATION TRANSMITTAL</p> <p style="text-align: center;">(Only for new nonprovisional applications under 37 CFR 1.53(b))</p> </div> </div> <div style="margin-top: 10px;"> <p>Check <input type="checkbox"/> Applicable <input type="checkbox"/> Duplicate</p> </div> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Attorney Docket No.</td> <td style="width: 33%;">000505</td> <td style="width: 34%;">Total Pages</td> </tr> <tr> <td colspan="3">First Named Inventor or Application Identifier</td> </tr> <tr> <td colspan="3">Noel D. MATCHETT and John E. HERSHEY</td> </tr> <tr> <td colspan="3">Express Mail Label No.</td> </tr> </table> | Attorney Docket No. | 000505 | Total Pages | First Named Inventor or Application Identifier | | | Noel D. MATCHETT and John E. HERSHEY | | | Express Mail Label No. | | |
| Attorney Docket No. | 000505 | Total Pages | | | | | | | | | | | |
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| Noel D. MATCHETT and John E. HERSHEY | | | | | | | | | | | | | |
| Express Mail Label No. | | | | | | | | | | | | | |

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|---|--|
| <p>APPLICATION ELEMENTS FOR:</p> <p>CRYPTOGRAPHIC SYSTEM WITH ENHANCED ENCRYPTION FUNCTION AND CIPHER KEY FOR DATA ENCRYPTION STANDARD</p> | <p>ADDRESS TO: Commissioner for Patents BOX PATENT APPLICATIONS Washington, D.C. 20231</p> |
|---|--|

1. ☒ Fee Transmittal Form (Incorporated within this form) **(The filing fee is deferred).**

2. ☒ Specification Total Pages **[30]**

3. ☒ Drawing(s) (35 USC 113) Total Sheets **[8]**

4. ☐ Oath or Declaration Total Pages **[]**

NOT attached; deferred under P.L. 97-247.

- a. ☐ Newly executed (original)

- b. ☐ Copy from prior application (37 CFR 1.63(d)

(for continuation/divisional with Box 17 completed).

- i. ☐ Deletion of Inventor(s)

Signed statement attached deleting inventor(s) named in prior application,
see 37 CFR 1.63(d)(2) and 1.33(b).

- ☐ Incorporation by reference (useable if box 4b is checked)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under
Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby
incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)

7. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Copy
 - b. ☐ Paper Copy (identical to computer copy)
 - c. ☐ Statement Verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet and document(s)) to:

9. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications
under 37 CFR 1.53(b))

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10. ☐ English translation Document (if applicable)

11. ☐ Information Disclosure Statement ☐ Copies of IDS Citations

12. ☐ Preliminary Amendment

13. ☒ Return Receipt Postcard (MPEP 503)

14. ☒ Small Entity Status is claimed.

15. ☐ Claim for Convention Priority ☐ Certified copy of Priority Document(s)

a. Priority of _____ application no. _____ filed on _____ is claimed under 35 USC 119.

16. ☒ Other: Based on Provisional Application No. 60/198,575, filed on April 20, 2000

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Division ☐ Continuation-in-part (CIP) of prior application no. ____/____

| FEE TRANSMITTAL | Number Filed | Number Extra | Rate | Basic Fee |
|---------------------------------------|--------------|--------------|-----------|-----------|
| The filing fee is calculated below | | | | \$710.00 |
| Total Claims | 12 - 20 | | x \$18.00 | |
| Independent Claims | 4 - 3 | 1 | x \$80.00 | 80.00 |
| Multiple Dependent Claims | | | \$270.00 | 790.00 |
| Basic Filing Fee | | | | -395.00 |
| Reduction by 1/2 for small entity | | | | |
| Fee for recording enclosed Assignment | | | \$40.00 | |
| TOTAL | | | | \$395.00 |

XX NO FEE ENCLOSED. THE FILING FEE IS DEFERRED.

UTILITY PATENT
APPLICATION TRANSMITTAL

(Only for new nonprovisional applications
under 37 CFR 1.53(b))

Attorney Docket No.

000505

First Named Inventor or Application Identifier

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- ☐ A check in the amount of \$_____ is enclosed to cover the filing fee.
- ☐ Please charge our Deposit Account No. **01-2340** in the total amount of _____ to cover the filing fee and the _____ assignment recordation fee. A duplicate of this sheet is attached.
- ☐ The Commissioner is hereby authorized to charge payment for any additional filing fees required under 37 CFR 1.16 or credit any overpayment to Deposit Account No. **01-2340**. A duplicate of this sheet is attached.

18. CORRESPONDENCE ADDRESS:



23850

PATENT TRADEMARK OFFICE

SUBMITTED BY

Typed or Printed Name

Thomas E. Brown

Reg. No.

44,450

Signature

TEB

Date:

April 20, 2001

TEB/yap

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